

Customizable Spectral Profiles for Filtering

Abstract of the Disclosure

Methods for generating a customized spectral profile, which can be used to generate a corresponding filter. A trial source spectrum is generated. An uncorrected lamp source spectrum is determined. One or more optical indices are calculated using the trial source spectrum or the uncorrected lamp source spectrum, and one or more of the optical indices are optimized by varying the trial source spectrum to generate the customized spectral profile.